

f Series: 200W Lasers & Performance

Performance	ti100
Output Power	> 180W @ 10.2 μ m > 200W @ 10.6 μ m
Mode Quality	$M^2 \leq 1.2$
Rise Time	< 150 μ sec
Beam Diameter	4.5 mm \pm 0.1 mm
Beam Divergence (full angle)	4.0mR \pm 0.2mR
Wavelength	10.2 μ m/ 10.6 μ m
Power Stability from cold start (guaranteed)/ after 2 min. (typical)	\pm 7%/ \pm 5%
Cooling	Water
Heat Load (max)	4000 W
Input Voltage/Current	96 VDC/36A
Dimensions Inches (mm)	45.9 x 8.6 x 6.5 (1166 x 218 x 165)
Weight	96 lbs./43.5 kg
Data Sheet	Data Sheets, Technical Drawings, and Manuals can only be downloaded when accessing the full site from a desktop or laptop comuter.
Technical Drawing	
Manual	

Related Products

Product	Description	Go To
Power Supply	Recommended DC power supply for Synrad lasers	See AC/DC Power Supplies under Aecessories for the recommended power supply